

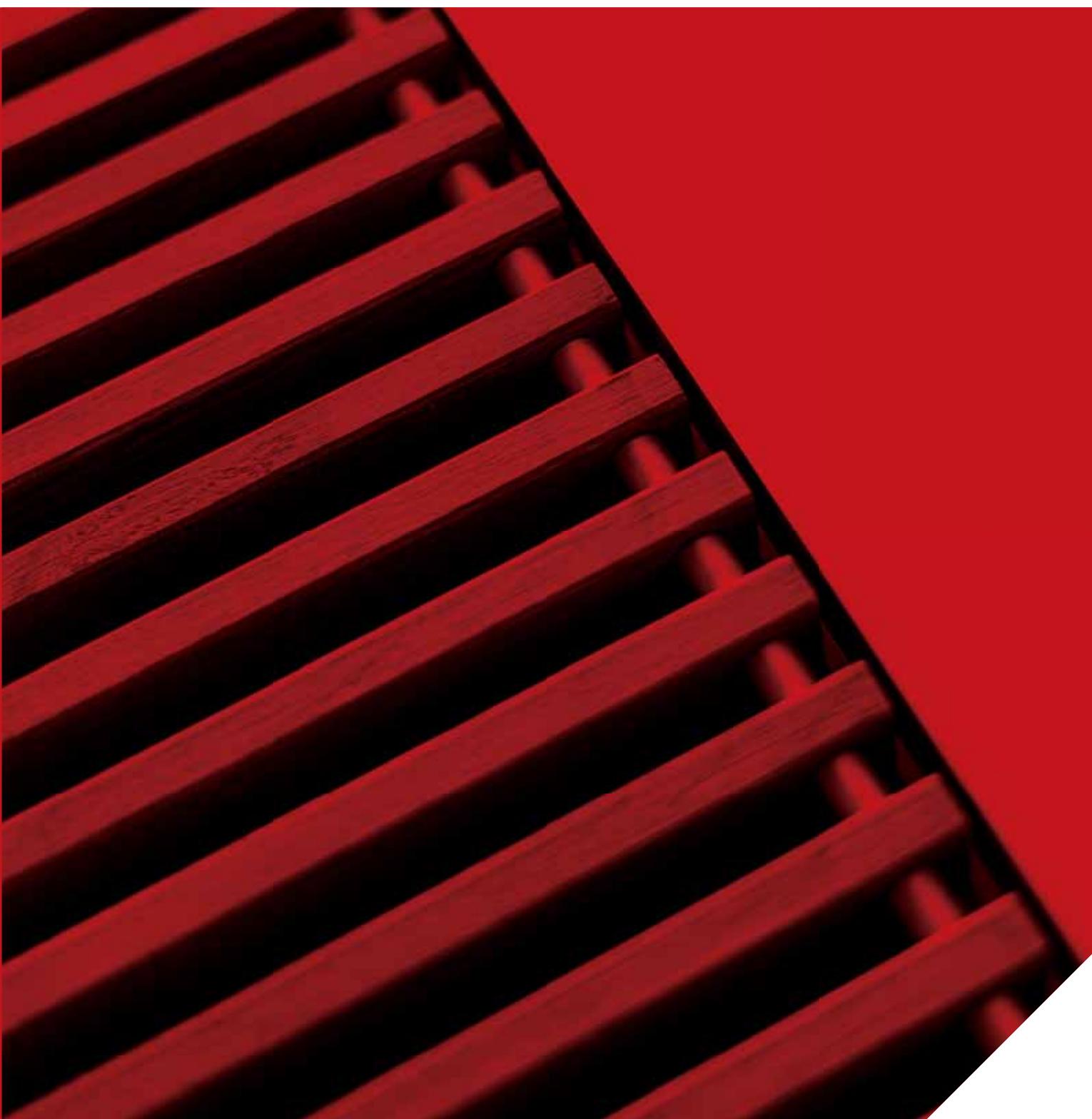
jaga

CLIMATE DESIGNERS

Heating



MINI CANAL kr. 2024.DK



kr. DK 01/2024



CLIMATE DESIGNERS

MINI CANAL

Minimal recess depth

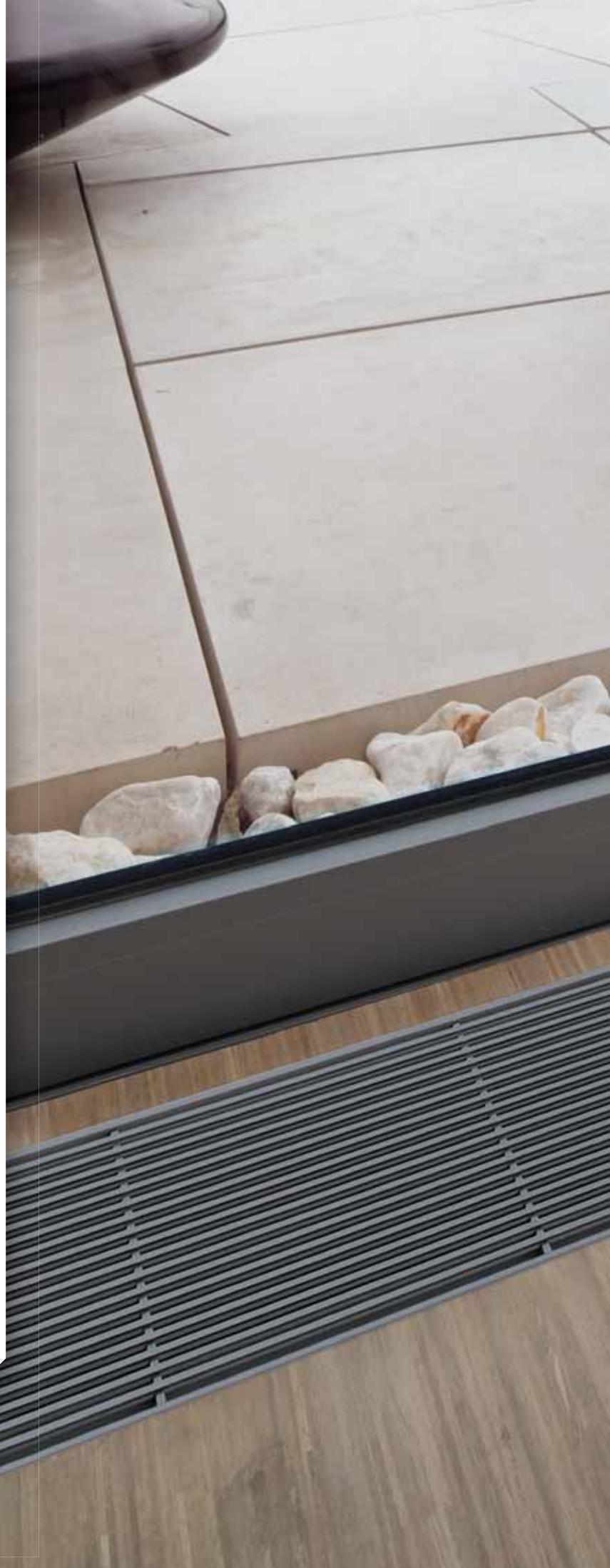
For spaces with large windows, glazed façades, conservatories, display windows and offices. From a depth of 9 cm, Mini Canal is the perfect solution for multi - storey buildings and computer floors. Hidden under the grille is an ultra fast Low-H₂O element. The internal elements of the Mini Canal have been made “invisible”, using lacquered dark grey components. The only eyecatching element left is the grille-cover which can be perfectly tailored to match the floor or the interior design.

- Depth from 9 cm
- Delivered ready-to-use , fully assembled and factory tested.
- A range of grilles for every interior
- Low-H₂O technology with super conductive and ultra fast heat exchanger for low energy consumption and maximum heat emission.
- **A 30 year guarantee** on the heat exchanger.

OAK varnished



ALU LACQUERED gray granite [028] ►





MINI CANAL



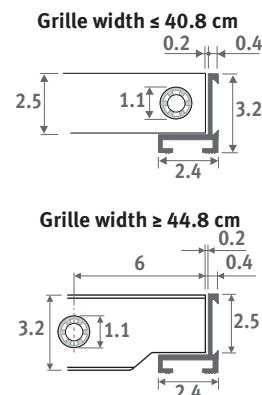
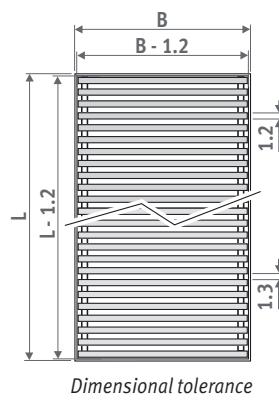
OVERVIEW GRILLES · ROLL-UP

DESIGNO WOODEN GRILLES



Roll-up natural or varnished grille, Designo model with reduced slat spacing and natural colour anodized aluminium spacers. Frame in natural coloured anodized aluminium.

Free air flow: 52%
Output correction factor: 0.93



DON Oak natural



DOV Oak varnished



DMN Merbau natural



DMV Merbau varnished



DBN Beech natural



DBV Beech varnished

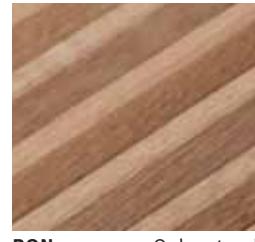
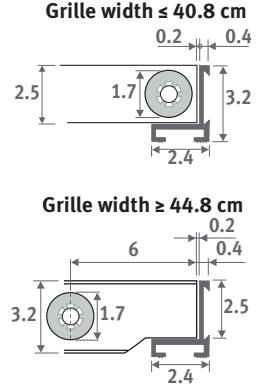
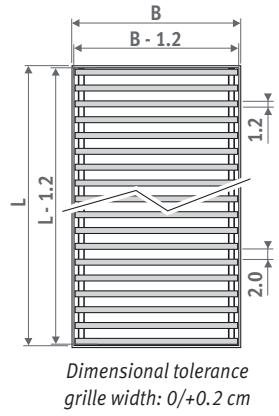
WOODEN GRILLES



Roll-up natural or varnished grille, with dark brown coloured synthetic spacers. Frame in brown anodized aluminium.

Free air flow 63%.

Free air flow: 63%
Output correction factor: 0.97



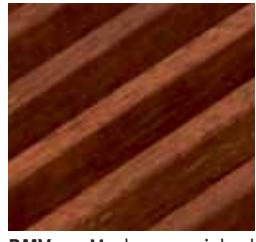
RON Oak natural



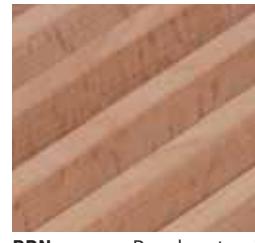
ROV Oak varnished



RMN Merbau natural



RMV Merbau varnished



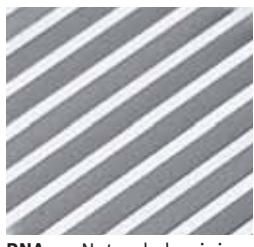
RBN Beech natural



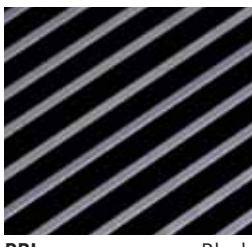
RBV Beech varnished

ROLL-UP · OVERVIEW GRILLES

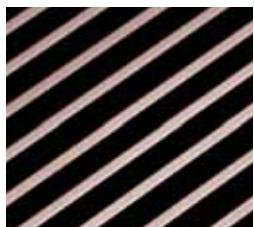
ALUMINIUM GRILLES



RNA Natural aluminium



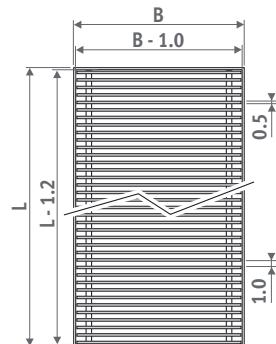
RBL Black



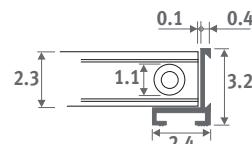
RDB Dark brown
(Only for Mini Canal)



RBR Brass coloured
(Only for Mini Canal)



Dimensional tolerance
grille width: $0/+0.2$ cm



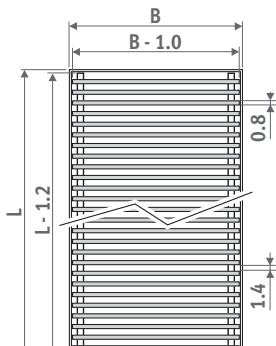
Roll-up anodized aluminium grille with
frame in matching colour.

*Free air flow: 70%
No correction factor to apply on the output.*

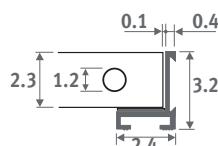
STAINLESS STEEL GRILLES



RSS stainless steel



Dimensional tolerance
grille width: $0/+0.2$ cm



Roll-up grille in high grade stainless
steel 1.4301. With matching frame in
natural anodized aluminium.
Maximum length: 6 m.

*Free air flow: 60%
Output correction factor: 0.96*

Mini Canal and separate frames are available with L-profile or Z-profile frame.

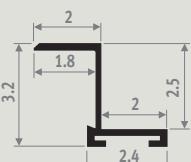
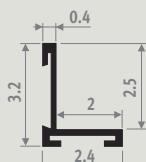
Canal Compact and Canal Plus are only available with L-profile frame.



Frame
L-profile

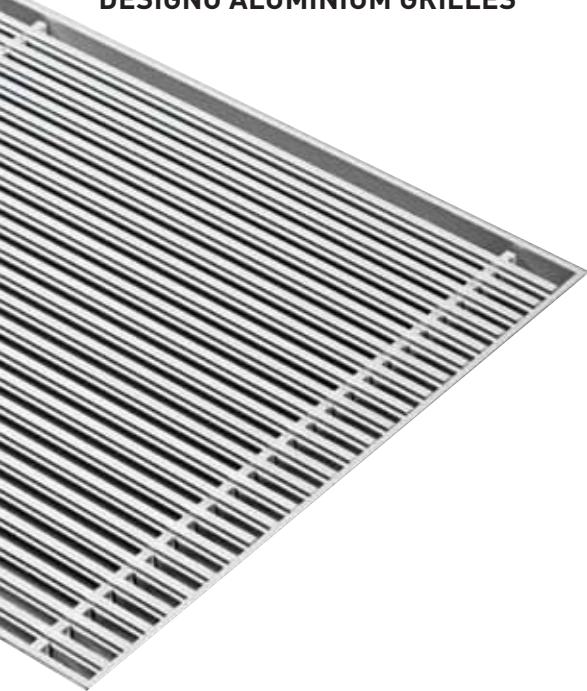


Cover frame
Z-profile



OVERVIEW GRILLES · RIGID

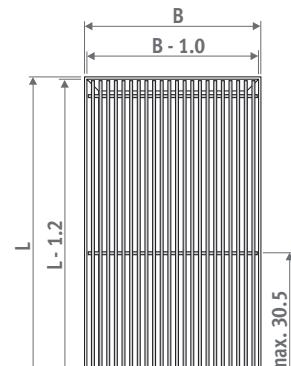
DESIGNO ALUMINIUM GRILLES



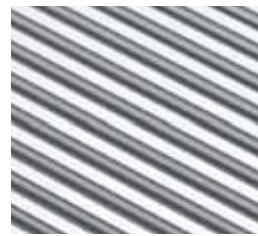
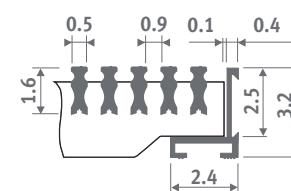
Rigid anodized aluminium grille, Designo model with reduced slat spacing. Matching colour frame.

free air flow: 62.5%

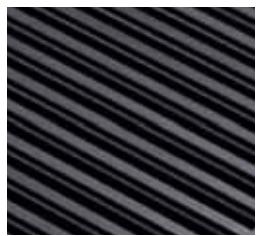
Output correction factor: 0.97



Dimensional tolerance
grille width: $0/+0.2\text{ cm}$



DNA Natural aluminium



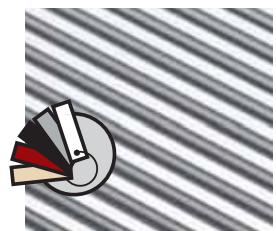
DBL Black



DBR Brass coloured
(Only for Mini Canal)



DDB Dark brown
(Only for Mini Canal)



DNC/XXX Alu lacquered

Our grilles and frames are available in all colours, with the exception of Sandblast grey 001. In case of intensive use (placement in circulation areas, for example in front of sliding windows and doors), wear is, of course, inevitable.

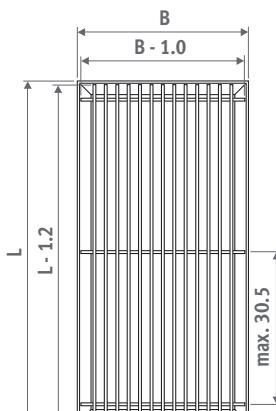
ALUMINIUM GRILLE



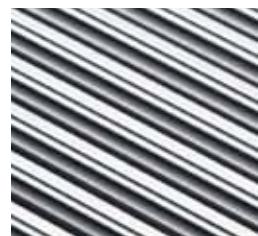
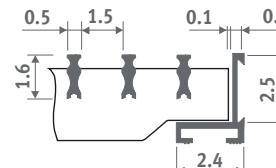
Rigid anodized aluminium grille with matching colour frame.

Free air flow: 75%

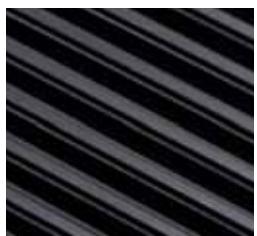
No correction factor to apply on the output.



Dimensional tolerance
grille width: $0/+0.2\text{ cm}$



SNA Natural aluminium



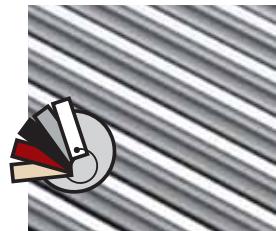
SBL Black



TBR Brass coloured
(Only for Mini Canal)



SDB Dark brown
(Only for Mini Canal)



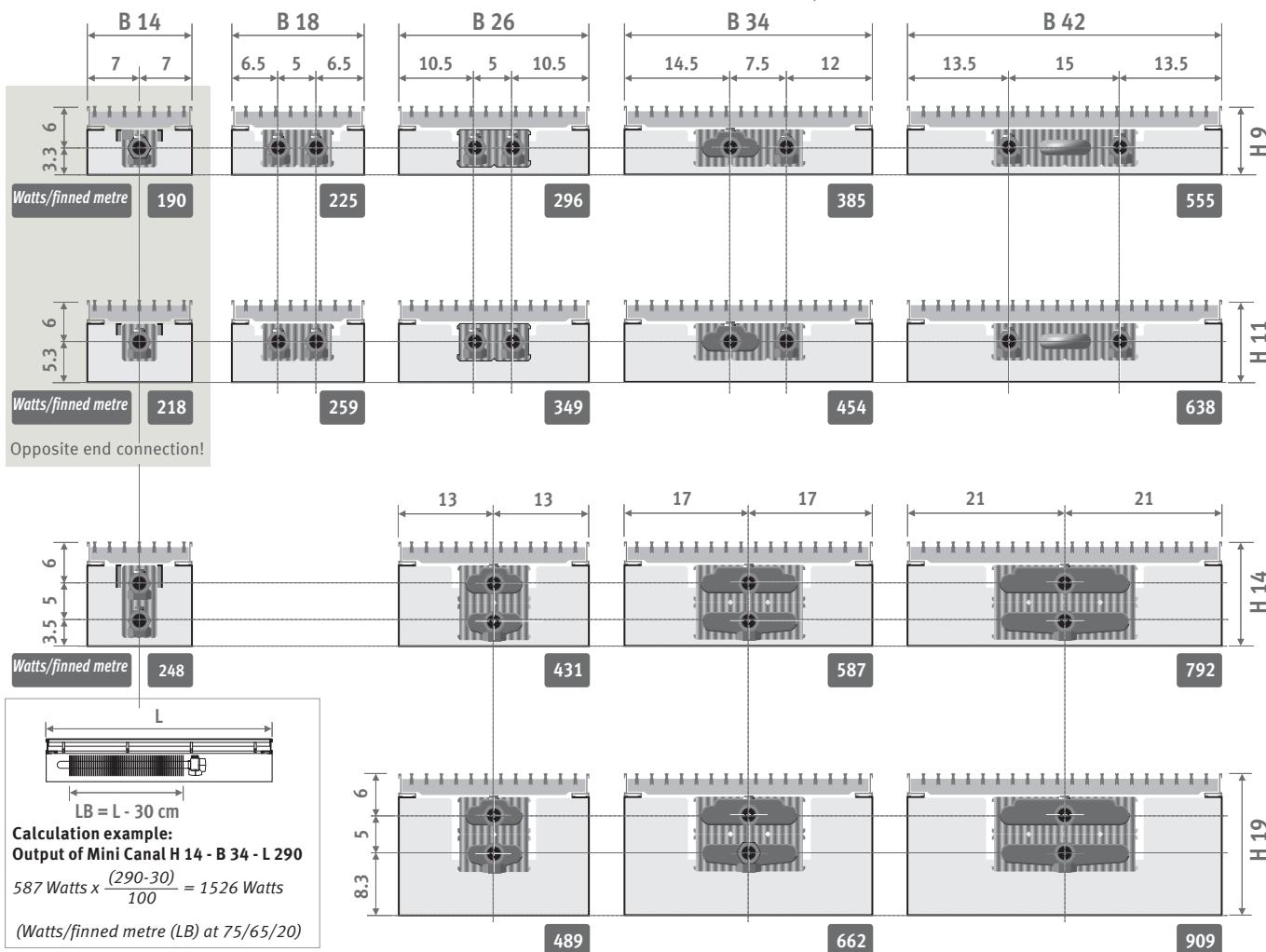
SNC/XXX Alu lacquered

Our grilles and frames are available in all colours, with the exception of Sandblast grey 001. In case of intensive use (placement in circulation areas, for example in front of sliding windows and doors), wear is, of course, inevitable.

NOTES

MINI CANAL · SUMMARY

PRODUCT SUMMARY



ORDERING CODE

WITH FRAME (L-PROFILE)

code	height	length	width	grille
MICL .	009	110	14 . /XXX	fill in grille code

WITH COVER FRAME (Z-PROFILE)

code	height	length	width	grille
MICZ .	009	110	14 . /XXX	fill in grille code

DELIVERY

Pre-assembled, dark grey lacquered Mini Canal with:

- Low-H₂O heat exchanger
- grille and mounted L-profile or Z-profile frame
- fixing straps
- air vent(s) 1/8" and drain plug(s) 1/2"

INSTALLATION

The Mini Canal is supplied completely mounted and ready for use. Suitable for installation onto rough concrete subfloors, in floating or suspended floors, or even into existing trenches. Optional 'Z' profile cover frame for mounting on the finished floor. If this isn't possible, the cover frame can be detached and be replaced when desired.

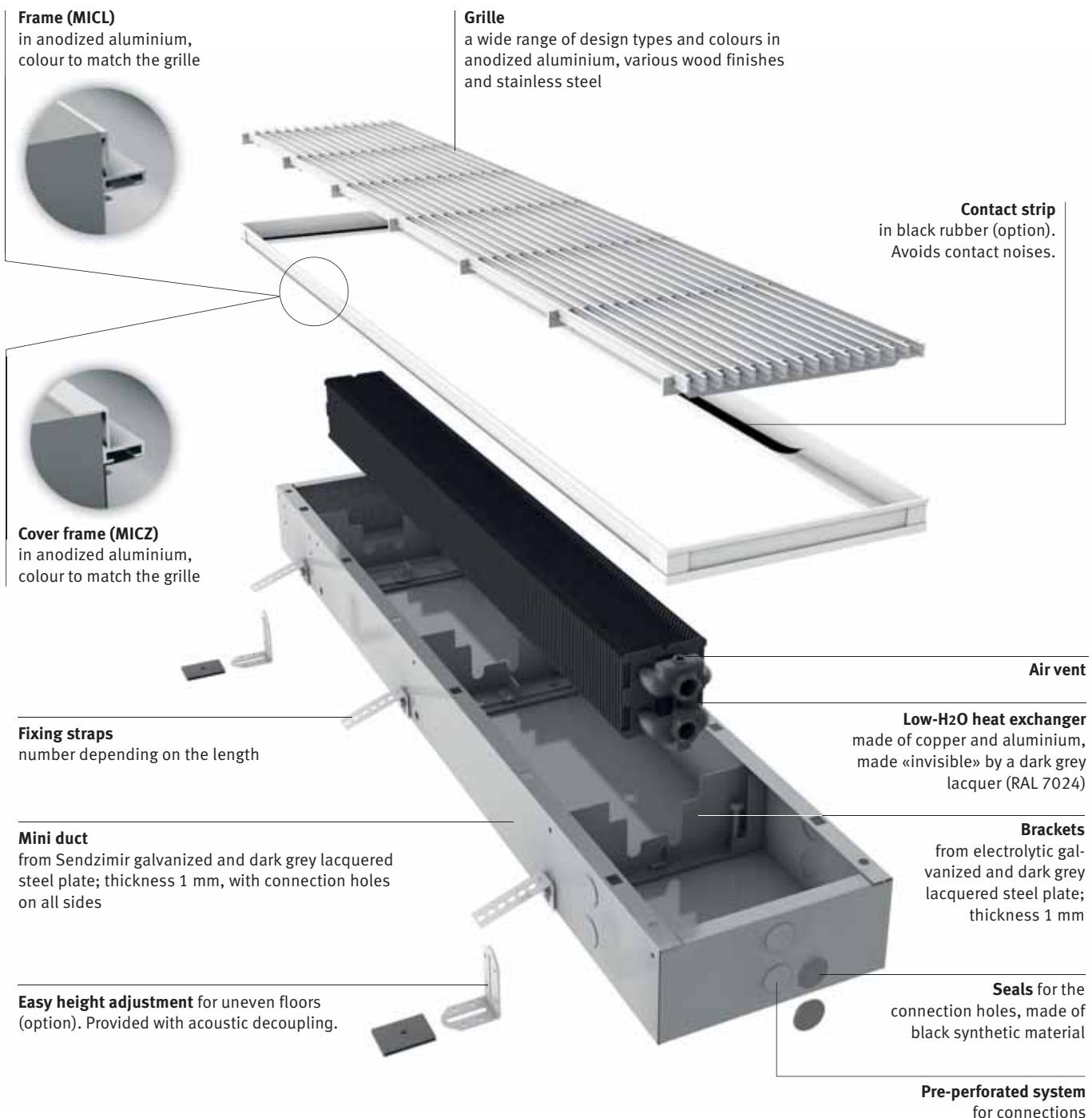
The cover frame allows the seam between the floor and the trench to be covered.

Installation

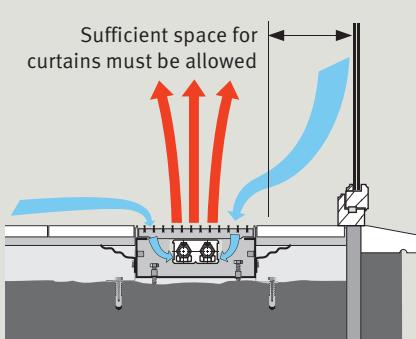
- Simple installation, with no on site assembly or joining of finned tubes.
- Position level on the finished floor using fixing straps or optional height control adjusters.
- Insert the pipework and close the opening .
- If necessary, provide an extra pipe for the thermostat head with remote control.
- Test the pressure of the installation.
- Finish the floor.

Mini Canal is also available with a cover frame. The cover frame facilitates a perfect finish with renovations or wooden floors.

COMPOSITION - MINI CANAL



OPERATING PRINCIPLE



EVEN COMFORT TEMPERATURE

The downward cold air flow associated with glazed façades often causes discomfort. Mini Canal ensures a warm air curtain: the cold air layer from the glass and the cooler return air on the floor are drawn in, heated and mixed with the warmer upper air so a balanced and even comfort temperature is achieved.

MINI CANAL • INSTALLATION & CONNECTION

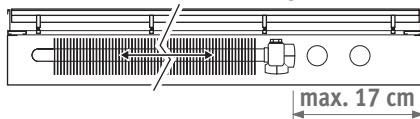
CONNECTION

Connection possibilities

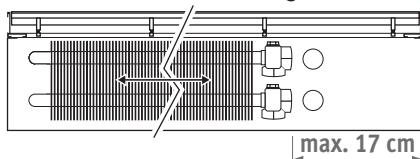
There are several ways to connect the heat exchanger:
to the central control system, temperature regulators via room thermostat or BMS (no valve in the duct).
- with manual valve in the duct.
- with thermostatic valve in the duct: in this case it is best to provide a head with remote control outside the duct. Control is simple and the thermostat will provide better measurement of the ambient temperature.

Maximum space for connection

With same end connection, height 09 and 11.

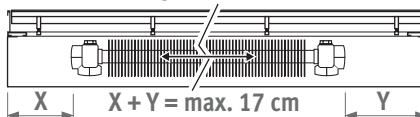


With same end connection, height 14 and 19.



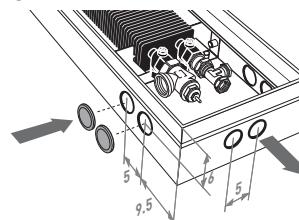
With opposite end connection.

Width 14 and height 09 and 11.

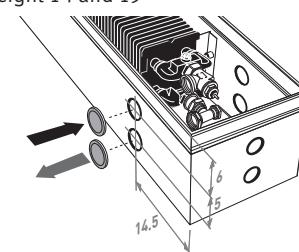


Connection dimensions

Height 09 and 11



Height 14 and 19



CONNECTION SETS

Height 09 and 11

With thermostatic head in the duct



With remote control



set 271	CODE 2-PIPE	Kr.
	COMC.JH2.JB.4...	675

	COMC.JH2.RD.4...	1328
fill in sleeve coupling code		

Precision metal tube 14/1 114
Precision metal tube 15/1 115
Precision metal tube 16/1 116
RPE/ALU tube 16/2 616

Height 14 and 19

With thermostatic head in the duct



With remote control



set 272	CODE 2-PIPE	Kr.
	COMC.JV2.JB.4...	638

	COMC.JV2.RD.4...	1283
fill in sleeve coupling code		

Precision metal tube 14/1 114
Precision metal tube 15/1 115
Precision metal tube 16/1 116
RPE/ALU tube 16/2 616

Other thermostatic heads and sleeve couplings

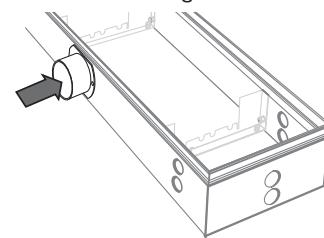
see chapter "Connection sets and valves Low-H₂O" for all connection options and technical information.

For more information see:
www.jaga.com

AIR REFRESHMENT

Mounted spigot connector for air supply channel

Not available with height 009 -011



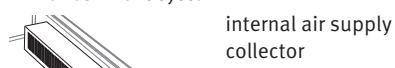
CODE	Kr.
/V1 1 spigot connection ø 80 mm	1095
/V2 2 spigot connections ø 80 mm	1628

Add /V1 or /V2 to the Mini Canal code.

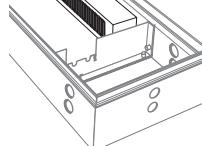
Example: MICL. 014 110 14 /XXX /V1

Other systems

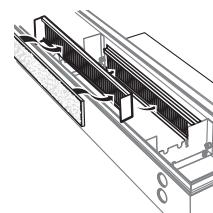
Air refreshment system 2



internal air supply collector

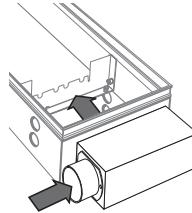


Air refreshment system 3



exterior air supply collector

Air refreshment system 4



air supply collector at headpiece

MINI CANAL ▪ H014

MICL.014 LLL BB/XXX

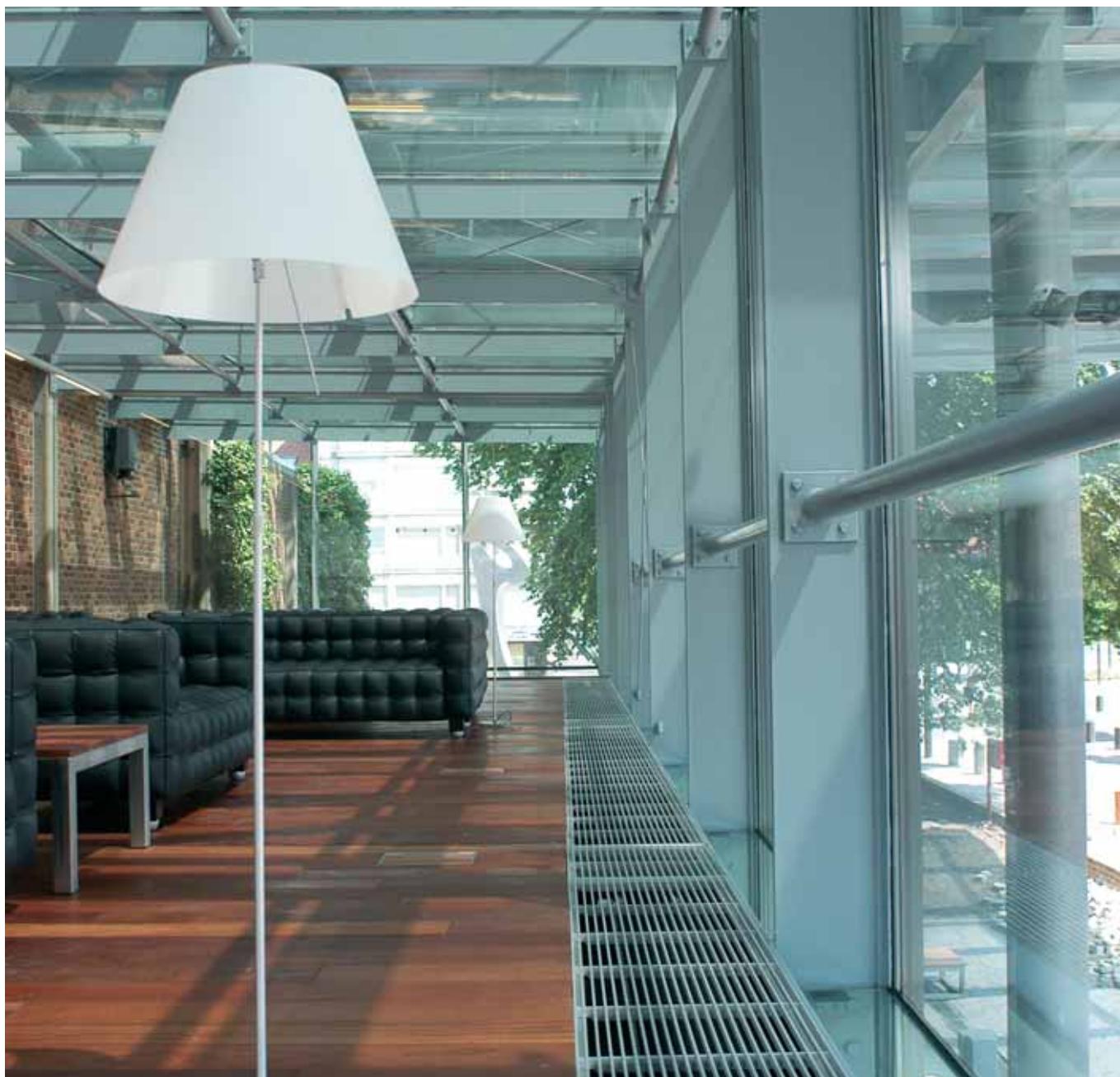
	Watts 75/65	Watts 55/45	DMN DBN	RMN RMV	RBN RBV	DMV DOV DON	RBR RNA	RON ROV	DNA DBR	DBL DDB	RBL RDB DBV	SBL SDB SBR	RSS	SNC/XXX	DNC/XXX	
L B 14																
110	198	98	4838	4838	4838	5003	4838	4838	4838	4838	5003	4185	4185	8243	4838	5003
130	248	123	5558	5558	5558	5753	5558	5558	5558	5558	5753	4785	4785	9585	5558	5753
150	298	147	6135	6135	6135	6345	6135	6135	6135	6135	6345	5235	5235	10785	6135	6345
170	347	172	7013	7013	7013	7275	7013	7013	7013	7013	7275	6015	6015	12315	7013	7275
190	397	196	7605	7605	7605	7890	7605	7605	7605	7605	7890	6488	6488	13508	7605	7890
210	446	221	8318	8318	8318	8633	8318	8318	8318	8318	8633	7088	7088	14858	8318	8633
230	496	245	9083	9083	9083	9420	9083	9083	9083	9083	9420	7718	7718	16245	9083	9420
250	546	270	9675	9675	9675	10058	9675	9675	9675	9675	10058	8205	8205	17468	9675	10058
270	595	294	10260	10260	10260	10680	10260	10260	10260	10260	10680	8678	8678	18690	10260	10680
290	645	319	11078	11078	11078	11528	11078	11078	11078	11078	11528	9375	9375	20115	11078	11528
310	694	343	11700	11700	11700	12173	11700	11700	11700	11700	12173	9870	9870	21368	11700	12173
330	744	368	12338	12338	12338	12825	12338	12338	12338	12338	12825	10380	10380	22613	12338	12825
370	843	417	13695	13695	13695	14243	13695	13695	13695	13695	14243	11498	11498	25230	13695	14243
410	942	466	15383	15383	15383	16013	15383	15383	15383	15383	16013	12960	12960	28193	15383	16013
450	1042	515	16733	16733	16733	17408	16733	16733	16733	16733	17408	14055	14055	30780	16733	17408
490	1141	564	17933	17933	17933	18675	17933	17933	17933	17933	18675	15023	15023	33225	17933	18675
L B 26																
110	345	171	5610	5610	5610	5963	5610	5610	5610	5610	5963	5220	5220	10035	5610	5963
130	431	213	6443	6443	6443	6855	6443	6443	6443	6443	6855	5978	5978	11685	6443	6855
150	516	255	7125	7125	7125	7598	7125	7125	7125	7125	7598	6608	6608	13170	7125	7598
170	603	298	8190	8190	8190	8715	8190	8190	8190	8190	8715	7583	7583	15038	8190	8715
190	689	341	8895	8895	8895	9488	8895	8895	8895	8895	9488	8213	8213	16568	8895	9488
210	775	383	9735	9735	9735	10380	9735	9735	9735	9735	10380	8955	8955	18218	9735	10380
230	861	426	10635	10635	10635	11385	10635	10635	10635	10635	11385	9825	9825	19950	10635	11385
250	947	468	11393	11393	11393	12173	11393	11393	11393	11393	12173	10485	10485	21503	11393	12173
270	1034	511	12098	12098	12098	12953	12098	12098	12098	12098	12953	11138	11138	23025	12098	12953
290	1119	553	13043	13043	13043	13950	13043	13043	13043	13043	13950	12000	12000	24773	13043	13950
310	1206	597	13755	13755	13755	14723	13755	13755	13755	13755	14723	12638	12638	26295	13755	14723
330	1292	639	14475	14475	14475	15510	14475	14475	14475	14475	15510	13290	13290	27825	14475	15510
370	1464	724	16058	16058	16058	17243	16058	16058	16058	16058	17243	14723	14723	31065	16058	17243
410	1636	809	18008	18008	18008	19290	18008	18008	18008	18008	19290	16515	16515	34620	18008	19290
450	1808	894	19575	19575	19575	20978	19575	19575	19575	19575	20978	17940	17940	37808	19575	20978
490	1980	979	21008	21008	21008	22560	21008	21008	21008	21008	22560	19245	19245	40883	21008	22560

Output at 20°C room temperature. Prices in Kr., VAT excluded.

Output correction factor: see pages 383.

See Mini Canal Hybrid for up to 300% more output

Mini Canal is also available in a range of other lengths, from 70 cm: www.jaga.com



GRILLE CODES

Designo rigid aluminium grilles



DNA
natural coloured **DBL**
black

ddb
dark brown

DBR
brass coloured

DNC/XXX (*colour*)
lacquered

Designo roll-up wooden grilles



DMN
merbau **DMV**
varnished **DON**
varnished **DOV**
varnished **DBN**
oak **DBV**
beech
varnished

Rigid aluminium grilles



SNA
natural coloured **SBL**
black

SDB
dark brown

SBR
brass coloured

SNC/XXX (*colour*)
lacquered

roll-up wooden grilles



RMN
merbau **RMV**
varnished **RON**
varnished **ROV**
varnished **RBN**
oak **RBV**
beech
varnished

Roll-up aluminium grilles



RNA
natural coloured **RBL**
black

RDB
dark brown

RBR
brass coloured

RSS
stainless steel



MILTON

 MEGATHERM

MILTON MEGATHERM A/S

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